

**Amendments to the Specification**

Please replace the Abstract with the following rewritten Abstract:

The present invention relates to an analysis apparatus for analyzing the skin, ~~the apparatus comprising which includes~~ an ultrasound probe arranged to analyze the skin along an ~~axis;axis~~ and a vibrator arranged to emit at least one shear wave to a region of the skin extending about the ~~axis, the axis.~~ The ultrasound probe ~~being is~~ arranged to detect displacements induced in the skin by the propagation of the shear wave.